Cast 71

Station 69

January 25, 22:03:44

-77 39.34, 178 48.10

733 m depth

This station is the second of a south to north section through the eddy by the Ross Ice Shelf.

The mixed layer extends to 120 m depth. The surface temperature is -0.8C. The peak fluorescence is about 12 mg/m^3 at 40 m although fluorescence is about the same level throughout the mixed layer.

There a slight Tmax at 300 m which is associated with a slight oxygen decline indicating a faint contribution by CDW.

Temperatures below freezing occur between 440 and 560 m which is ISW.



